

Table 1. Compliance guide for the OSHA Construction Industry Asbestos Standard (29 CFR 1926.1101). Note: Characterize work in accordance with all applicable subcategories, and apply all controls required for all subcategories. Some types of work may not be adequately described in this table.

Work description	HEPA vac	Wet proc*	Hs kg req	Prob Activ <sup>1</sup>	Reg area <sup>2</sup>	Resp. prot.	Prot cloth.	NPE	Comp. pers	Critical barriers	Vent. system <sup>3</sup>	Full decon	Mini decon	surface covering	Glove bag	HVAC isol.	Daily monit. <sup>4</sup>	Mini-enc <sup>4</sup>
All asbestos work	X	X	X	X	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Class I asbestos work																		
Greater than 25 lin. ft or 10 ft <sup>2</sup>	X	X	X	X	X	X <sup>5</sup>	X	X <sup>6</sup>	X <sup>7</sup>	X <sup>8</sup>	X	X	O	X	X <sup>6</sup>	X	X	O
Less than 25 lin. ft or 10 ft <sup>2</sup>	X	X	X	X	X	X <sup>5</sup>	—	X <sup>6</sup>	X <sup>7</sup>	—	X	O	X	X	X <sup>6</sup>	X	X	X <sup>6,9</sup>
Greater than PEL (TWA or excursion)	X	X	X	X	X	X <sup>5</sup>	X	X <sup>6</sup>	X <sup>7</sup>	X <sup>8</sup>	X	X	O	X	X <sup>6</sup>	X	X	X <sup>6,9</sup>
Less than PEL in NEA	X	X	X	X	X	X	O	X <sup>6</sup>	X <sup>7</sup>	O	X	—	—	X	X <sup>6</sup>	X	O	X <sup>6,9</sup>
No NEA available	X	X	X	X	X	X <sup>5</sup>	—	X <sup>6</sup>	X <sup>7</sup>	X <sup>8</sup>	X	X	O	X	X <sup>6</sup>	X	X	X <sup>6,9</sup>
Adjacent area is occupied	X	X	X	X	X	—	—	X <sup>6</sup>	X <sup>7</sup>	X <sup>8</sup>	X	—	—	X	X <sup>6</sup>	X	—	X <sup>6,9</sup>
Outdoors, unoccupied area	X	X	X	X	X	X	X	X <sup>6</sup>	X <sup>7</sup>	O	X	—	—	X	X <sup>6</sup>	X	—	X <sup>6,9</sup>
Class II asbestos work <sup>10,14</sup>																		
Greater than PEL in NEA	X	X	X	X	X	X	X	O <sup>11</sup>	X <sup>7</sup>	X <sup>8</sup>	X	X	O	X	X <sup>11</sup>	X	X	X <sup>11</sup>
Less than PEL in NEA	X	X	X	X	X	O <sup>16</sup>	O	O	O <sup>11</sup>	O	X	O	O	X	X <sup>11</sup>	X	O	X <sup>11</sup>
Indoor—No NEA available	X	X	X	X	X	X	X	O <sup>11</sup>	X <sup>7</sup>	X <sup>8</sup>	X	O	X	X	X <sup>11</sup>	X	X	X <sup>11</sup>
Outdoor—No NEA available	X	X	X	X	X	X	X	O <sup>11</sup>	X <sup>7</sup>	O <sup>16</sup>	X	O	X	X	X <sup>11</sup>	X	X	X <sup>11</sup>
Removal not intact or dry	X	X	X	X	X	X	—	X <sup>12</sup>	X <sup>7</sup>	X <sup>8</sup>	X	O	X	X	X <sup>11</sup>	X	X	X <sup>11</sup>
Class III asbestos work																		
Greater than PEL	X	X	X	X	X	X	X	X <sup>6</sup>	X <sup>13</sup>	X	X	O	X <sup>6</sup>	X	X <sup>6</sup>	X	O	X <sup>6</sup>
No NEA available	X	X	X	X	X	X	X	X <sup>6</sup>	X <sup>13</sup>	X	X	O	X <sup>6</sup>	X	X <sup>6</sup>	X	O	X <sup>6</sup>
Dist. TSI or surfacing ACBM	X	X	X	X	X	X	—	—	X <sup>13</sup>	X	X	O	—	X	X <sup>6</sup>	X	O	X <sup>6</sup>
Less than PEL in NEA	X	X	X	X	X	O <sup>16</sup>	O	O	X <sup>13</sup>	O	X	O	O	O	O	O	O	O
Class IV asbestos work																		
Greater than PEL	X	X	X	X	X	X	X <sup>11</sup>	O	X <sup>13</sup>	O	X	O	X	O	O	O	O	O
Work in area resp. required	X	X	X	X	X	X	—	O	X <sup>13</sup>	—	—	O <sup>15</sup>	—	—	—	—	—	O
Less than PEL in NEA	X	X	X	X	X	O	O	O	O	O	O	O	O	O	O	O	O	O

\* = except for infeasible conditions such as sloped roofs; X = required; O = not required or not allowed; — = not specifically addressed.

<sup>1</sup> Prohibited activity. Includes non-ventilated abrasive disc saw, blow-off, dry sweeping or shoveling, employee rotation.

<sup>2</sup> Posting is required for all regulated areas.

<sup>3</sup> Includes local exhaust and general exhaust, enclosure, and isolation (as feasible or necessary).

<sup>4</sup> Daily monitoring is usually not required if using supplied air respirators in positive pressure mode (note: does not require pressure demand-type respirator to take this credit).

<sup>5</sup> Supplied air-pressure-demand respirator with auxiliary escape HEPA or SCBA (>1.0 f/cc) or a PAP respirator with full facepiece and HEPA filters (<1.0 f/cc).

<sup>6</sup> One of the following control methods must be used: NPE, glove bag, negative-pressure glove bag, water spray, mini-enclosure, or alternative procedures.

<sup>7</sup> 40-hr training equivalent to EPA project designer or supervisor training.

<sup>8</sup> Or equivalent, with the requirement to prove the efficacy of the equivalent method. This includes perimeter sampling with 24-hour turnaround. Perimeter levels must meet the AHERA clearance levels.

<sup>9</sup> Mini-enclosures limited to a "small walk-in chamber that accommodates no more than 2 persons. Mini-enclosures are only to be used for small jobs.

<sup>10</sup> Specific additional requirements are provided for flooring work, roofing, Transit work, and gasket removal. For other Class II work, material must be removed intact unless this is not feasible.

Alternative procedures are allowed if exposure is less than the PEL and a competent person certifies the alternative methods are adequate to keep exposure below the PEL at all times.

<sup>11</sup> These procedures may be used in lieu of, or in addition to other procedures specified for Class II work.

<sup>12</sup> An NPE is required for the removal of floor tiles if they cannot be removed intact and breaking of the tile creates dust.

<sup>13</sup> 16-hr training equivalent to EPA O&M training.

<sup>14</sup> Certain roofing activities involving ACM are exempt from Class II category.

<sup>15</sup> Full decontamination facilities must be provided if working in a regulated area where one is required for persons doing other work.

<sup>16</sup> Not required, provided that work is performed in areas where untrained persons do not have access.

Class I asbestos work: Removal of TSI or surfacing ACM or PACM; Class II asbestos work: Removal of ACM that is not TSI or surfacing material (includes floor tiles, shingles, mastics); Class III asbestos work: Repair and maintenance where any type of ACM is likely to be disturbed; Class IV asbestos work: Custodial-type activities that involve contact with ACM and PACM.